

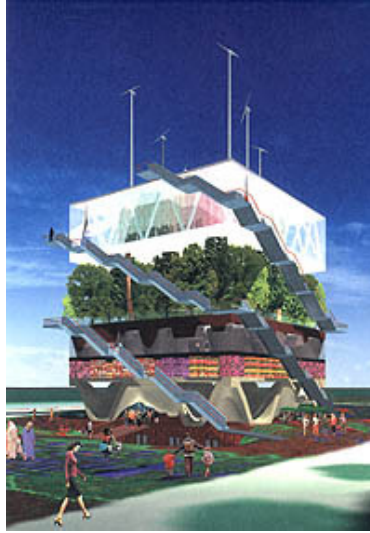
Name _____

Date _____

Teacher _____

I ♥ LIR

Project 1: Design an Renewable Energy House Project Guidelines



Design a 2-story environmentally sustainable house using MS PowerPoint or SMART Notebook

The house must use 3 renewable energy technologies in its day-to-day operations.

Choose from the following list:

1. Solar, wind, hydropower, biomass, wave energy, tidal energy, Ocean Thermal Energy Conversion (OTEC,) and geothermal... Of course, you can use more than 3...

In your presentation you must identify, define, & describe these 3 technologies in detail. Use your notes and the web for help here.

See the **GRADING RUBRIC** for more information.

Use the **images** provided to help you in your descriptions of your renewable technologies as well as any other images you can find on the web. All images, sounds, etc. that are copied and pasted must include the exact web address for each source.

Copy and paste the URL for each as you work on your project into the webliography slide of your presentation.

Include a blue print of your house, use the blueprint provided to help you get started. (YOU HAVE TO EDIT THE EXISTING BLUEPRINT TO GET CREDIT)

Incorporate and describe **3 energy-saving measures** that your house uses. (See “YOU CAN MAKE A DIFFERENCE: Saving Energy at Home” and the GRADING RUBRIC for more information.)

Identify the Long Island geographic location of your structure as well as its longitude & latitude and reason for building upon this location. (Pick a location that will work well for the technologies)